



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Elwin M. BEATY et al.

Atty. Dkt. No.: 60011US

Appln. No.: 09/844,232

Filed: April 27, 2001

Group Art Unit: 2625

Conf. No.: 1440

Examiner: S. Chawan

Title: METHOD AND APPARATUS FOR THREE DIMENSIONAL INSPECTION OF  
ELECTRONIC COMPONENTS

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

M/S Amendment  
Commissioner for Patents  
P.O. Box, 1450  
Alexandria, VA 22313-1450

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Technology Center 2600

Dear Sir:

In accordance with 37 C.F.R. § 1.56, Applicant hereby submits the following Information Disclosure Statement. The form PTO-1449 submitted, lists references that the Examiner may consider to be relevant. These documents are not necessarily analogous art. Applicant respectfully requests that these documents be considered by the Examiner, and that the Examiner indicate consideration of the cited references by returning a signed copy of the attached form PTO-1449. Copies of all the cited references are enclosed.

Respectfully submitted,

ROBERTS ABOKHAIR & MARDULA, LLC

Jon L. ROBERTS  
Reg. No. 31293  
(703) 391-2900

Sheet 1 of 1

|   |   |   |            |   |                 |                                   |                               |
|---|---|---|------------|---|-----------------|-----------------------------------|-------------------------------|
| Form PTO-1449 US Dept. of Commerce<br>(REV. 8-83) PATENT & TRADEMARK OFFICE<br><br>INFORMATION DISCLOSURE STATEMENT<br><br>(Use several sheets if necessary)  |   |   |            | ATTY DOCKET NO.<br><br>60011US (2775-001CIP2) |                 | APPLICATION NO.<br><br>09/844,232 |                               |
|   |   |   |            | APPLICANT<br>Elwin M. BEATY <i>et al.</i>     |                 |                                   |                               |
|   |   |   |            | FILING DATE<br>April 27, 2001                 |                 | GROUP<br>2625                     |                               |
| U.S. PATENT DOCUMENTS   |   |   |            |   |                 |                                   |                               |
| EXAMINER<br>INITIAL   |   | DOCUMENT<br>NUMBER  | DATE       | NAME  | CLASS           | SUB<br>CLASS                      | FILING DATE<br>IF APPROPRIATE |
|   | A | US 5245671  | Sept. 1993 | Kobayashi <i>et al.</i>                       | 382             | 150                               |                               |
|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
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|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
| FOREIGN PATENT DOCUMENTS  |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   | TRANSLATION                   |
|   |   |   |            |   |                 |                                   | YES NO                        |
|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)  |   |   |            |   |                 |                                   |                               |
|   | B | John Lau, BALL GRID ARRAY TECHNOLOGY, pp. 558, 561, 565, 591 (1995 McGraw-Hill) |            |   |                 |                                   |                               |
|   |   |   |            |   |                 |                                   |                               |
| EXAMINER  |   |   |            |   | DATE CONSIDERED |                                   |                               |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |   |   |            |   |                 |                                   |                               |